Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

November 12, 2015

MARK PEACOCK
DUKE ENERGY EDWARDSPORT IGCC
15424 E. STATE ROAD 358
Edwardsport, IN 47528

RE: Project: Gray Water LL Hg Study
Pace Project No.: 50131115

Dear MARK PEACOCK:
Enclosed are the analytical results for sample(s) received by the laboratory between October 13, 2015 and October 29, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kenneth Hunt
kenneth.hunt@pacelabs.com
Project Manager

Enclosures

cc: Mr. Rhett Moody, Duke Energy (Edwardsport Generating Station)

REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project:	Gray Water LL Hg Study
Pace Project No.:	50131115

Indiana Certification IDs
7726 Moller Road, Indianapolis, IN 46268
Illinois Certification #: 200074
Indiana Certification #: C-49-06
Kansas Certification #:E-10177
Kentucky UST Certification #: 0042
Kentucky WW Certification #:98019
Louisiana Certification #: 04076
Ohio VAP Certification #: CL-0065
Oklahoma Certification #: 2014-148
Texas Certification #: T104704355-15-9
West Virginia Certification #: 330
Wisconsin Certification #: 999788130
USDA Soil Permit #: P330-10-00128

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SAMPLE SUMMARY

Project: Gray Water LL Hg Study
Pace Project No.: 50131115

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50131115001	**Gray Water Out (Lab Filtered)**	Water	10/13/15 10:45	10/13/15 14:20
50131115002	**Gray Water Inf (Lab Filtered)**	Water	10/13/15 10:55	10/13/15 14:20
50131115003	**Gray Water Out (Lab Filtered)**	Water	10/13/15 10:45	10/15/15 14:15
50131115004	**Gray Water Inf (Lab Filtered)**	Water	10/13/15 10:50	10/15/15 14:15
50131115005	**Filtration Blank Control**	Water	10/29/15 08:00	10/29/15 08:00

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SAMPLE ANALYTE COUNT

Project: Gray Water LL Hg Study
Pace Project No.: 50131115

Lab ID	Sample ID	Method	Analysts	Analytes Reported
50131115001	**Gray Water Out (Lab Filtered)**	EPA 1631E	WJW	1
50131115002	**Gray Water Inf (Lab Filtered)**	EPA 1631E	WJW	1
50131115003	**Gray Water Out (Lab Filtered)**	EPA 1631E	WJW	1
50131115004	**Gray Water Inf (Lab Filtered)**	EPA 1631E	WJW	1
50131115005	**Filtration Blank Control**	EPA 1631E	WJW	1

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ANALYTICAL RESULTS

Project: Gray Water LL Hg Study
Pace Project No.: 50131115

Sample: Gray Water Out (Lab Filtered) **Lab ID: 50131115001** Collected: 10/13/15 10:45 Received: 10/13/15 14:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
1631E Mercury, Low Level	Analytical Method: EPA 1631E		Preparation Method: EPA 1631E					
Mercury	**3.61**	ng/L	0.51	1	10/29/15 16:20	10/30/15 09:53	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Gray Water LL Hg Study
Pace Project No.: 50131115

Sample: Gray Water Inf (Lab Filtered) **Lab ID: 50131115002** Collected: 10/13/15 10:55 Received: 10/13/15 14:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
1631E Mercury, Low Level	Analytical Method: EPA 1631E		Preparation Method: EPA 1631E					
Mercury	**0.694**	ng/L	0.51	1	10/29/15 16:20	10/30/15 11:23	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Gray Water LL Hg Study
Pace Project No.: 50131115

Sample: Gray Water Out (Lab Filtered) **Lab ID: 50131115003** Collected: 10/13/15 10:45 Received: 10/15/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
1631E Mercury, Low Level	Analytical Method: EPA 1631E		Preparation Method: EPA 1631E					
Mercury	**0.938**	ng/L	0.51	1	10/29/15 16:20	10/30/15 10:19	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Gray Water LL Hg Study
Pace Project No.: 50131115

Sample: Gray Water Inf (Lab Filtered) **Lab ID: 50131115004** Collected: 10/13/15 10:50 Received: 10/15/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
1631E Mercury, Low Level	Analytical Method: EPA 1631E		Preparation Method: EPA 1631E					
Mercury	**0.694**	ng/L	0.51	1	10/29/15 16:20	10/30/15 11:15	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Gray Water LL Hg Study
Pace Project No.: 50131115

Sample: Filtration Blank Control **Lab ID: 50131115005** Collected: 10/29/15 08:00 Received: 10/29/15 08:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
1631E Mercury, Low Level	Analytical Method: EPA 1631E		Preparation Method: EPA 1631E					
Mercury	**0.541**	ng/L	0.51	1	10/29/15 16:20	10/30/15 09:22	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Gray Water LL Hg Study
Pace Project No.: 50131115

QC Batch: CVFS/1164 Analysis Method: EPA 1631E
QC Batch Method: EPA 1631E Analysis Description: 1631E Mercury
Associated Lab Samples: 50131115001, 50131115002, 50131115003, 50131115004, 50131115005

METHOD BLANK: 1413345 Matrix: Water
Associated Lab Samples: 50131115001, 50131115002, 50131115003, 50131115004, 50131115005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ng/L	ND	0.50	10/30/15 09:45	

METHOD BLANK: 1413346 Matrix: Water
Associated Lab Samples: 50131115001, 50131115002, 50131115003, 50131115004, 50131115005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ng/L	ND	0.50	10/30/15 10:42	

METHOD BLANK: 1413347 Matrix: Water
Associated Lab Samples: 50131115001, 50131115002, 50131115003, 50131115004, 50131115005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ng/L	ND	0.50	10/30/15 11:32	

LABORATORY CONTROL SAMPLE: 1413348

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ng/L	5	5.35	107	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1413349 1413350

Parameter	Units	50131115001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ng/L	3.61	5	5	9.03	9.03	108	108	71-125	0	24	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1413367 1413368

Parameter	Units	50131005001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ng/L	ND	2.5	2.5	2.57	2.58	94	94	71-125	0	24	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: Gray Water LL Hg Study
Pace Project No.: 50131115

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Gray Water LL Hg Study
Pace Project No.: 50131115

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50131115001	**Gray Water Out (Lab Filtered)**	EPA 1631E	CVFS/1164	EPA 1631E	CVFS/1165
50131115002	**Gray Water Inf (Lab Filtered)**	EPA 1631E	CVFS/1164	EPA 1631E	CVFS/1165
50131115003	**Gray Water Out (Lab Filtered)**	EPA 1631E	CVFS/1164	EPA 1631E	CVFS/1165
50131115004	**Gray Water Inf (Lab Filtered)**	EPA 1631E	CVFS/1164	EPA 1631E	CVFS/1165
50131115005	**Filtration Blank Control**	EPA 1631E	CVFS/1164	EPA 1631E	CVFS/1165

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Duke Energy

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

5013115

Page: of

1803368

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: JRM Env	Report To: JRM Environmental	Attention: Robin Feller
Address: Brownsburg	Copy To:	Company Name: JRM Env
Email To:	Purchase Order No.:	Address:
Phone: 10/20 Fax:	Project Name: Duke Edwardsport Spoil	Pace Quote Reference:
Requested Due Date/TAT:	Project Number:	Pace Project Manager:
		Pace Profile #:

REGULATORY AGENCY: X NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER

Site Location STATE:

Requested Analysis Filtered (Y/N)

Section D Required Client Information	Matrix Codes MATRIX / CODE	ITEM #	SAMPLE ID (A-Z, 0-9 / ,) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analyses Test: 1631 Hg	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
	Drinking Water DW Water WT Waste Water WW Product P Soil/Solid SL Oil OL Wipe WP Air AR Tissue TS Other OT	1	Field Blank	WT	G			10/13/15	10:35		1	X								X		001
		2	Filter Water	WT	G				10:40		1	X								X		002
		3	Gray Water Out	WT	G				10:45		1	X								X		003
		4	Gray Water INF	WT	G				10:55		1	X								X		004
		5																				
		6																				
		7																				
		8																				
		9																				
		10																				
		11																				
		12																				

Pace Project No./ Lab I.D.: 50129843

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	Robin Feller	10/13/15	14:20		10/13/15	14:20	25.6	N	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Laura Hosster & Robin Feller

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 10/13/15

ORIGINAL

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

50131115

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Duke Energy

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: of

1803371

Section A Required Client Information:

Company: SRM Env

Address: Brownsburg

Email To:

Phone: 10/30 Fax:

Requested Due Date/TAT:

Section B Required Project Information:

Report To: SRM Environmental

Copy To:

Purchase Order No.:

Project Name: Duke Edwardsport Special

Project Number:

Section C Invoice Information:

Attention: Robin Feller

Company Name: SRM Env

Address:

Pace Quote Reference:

Pace Project Manager:

Pace Profile #:

REGULATORY AGENCY

☒ NPDES ☐ GROUND WATER ☐ DRINKING WATER

☐ UST ☐ RCRA ☐ OTHER ______

Site Location STATE: ______

Requested Analysis Filtered (Y/N)

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (1631 Hg)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	Field Blank	—				10/15	10:30		1	X								X		001
2	Filter Water		G				10:35		1	X								X		002
3	Gray Water Out		G				10:45		1	X								X		-003 / 003
4	Gray water Influent		G			↓	10:50		1	X								X		-004 / 004
5																				
6																				
7	Lab Control Sample																			-005
8																				
9																				
10																				
11																				
12																				

Pace Project No.: 50130046 (YBH 10/30)

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	[signature]	10/15/15	14:15	Marcia Barnett/Pace	10/15/15	14:15	35.2	N	N	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Robin Feller & Laura Hossler

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 10/15/15

ORIGINAL

Client w/no ice

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

50131115

Sample Condition Upon Receipt

Pace Analytical

Client Name: JEM

Project # 50129843

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☑ Client ☐ Commercial ☐ Pace Other _____

Tracking #: _____

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals Intact: ☐ yes ☑ no

Date/Time 5035A kits placed in freezer: _____

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☑ None ☐ Other _____

Thermometer: 1 2 3 4 5 6 8 A B C D E F

Type of Ice: Wet Blue ~~None~~

☐ Samples on ice, cooling process has begun.

Cooler Temperature (Corrected, if applicable): 25.6

Ice Visible in Sample Containers: ☐ yes ☑ no

Temp should be above freezing to 6°C

Date and Initials of person examining contents: [illegible] 10/13/15

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	5.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	6.
Containers Intact:	☑Yes ☐No ☐N/A	7.
Sample Labels match COC: -Includes date/time/ID/Analysis	☑Yes ☐No ☐N/A	8.
All containers needing acid/base pres. have been checked? exceptions: VOA, coliform, TOC, O&G	☐Yes ☐No ☑N/A	9. (Circle) HNO3 H2SO4 NaOH NaOH/ZnAc
All containers needing preservation are found to be in compliance with EPA recommendation (<2, >9, >12) unless otherwise noted.		
Residual Chlorine Check (SVOC 625 Pest/PCB 608)		10. Present Absent
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☑N/A	11.
Headspace TCLP Volatiles	☐Yes ☐No	12
Headspace Wisconsin Sulfide / Acidity	☐Yes ☐No	13
Trip Blank Present:	☐Yes ☐No ☑N/A	14
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Project Manager Review		
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	15.
Sufficient Volume:	☑Yes ☐No ☐N/A	16.
Correct Containers Used:	☑Yes ☐No ☐N/A	17.

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: Pat Coyle / Marie Peacock Date/Time: 10/29

Comments/ Resolution:

Filter retains for DRF + out for reporting Dissolved Hg.

Project Manager Review: K.D. Date: 10/13/15

Form F-IN-Q-290-rev.07, 11May2015

Sample Condition Upon Receipt

5013111 5

Pace Analytical Client Name: JRM Env. Project # ~~50130046~~

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☑ Client ☐ Commercial ☐ Pace Other ________

Tracking #: ________

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☑ no

Date/Time 5035A kits placed in freezer ________

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☑ None ☐ Other ________

Thermometer 1 (2) 3 4 5 6 A B C D E F Type of Ice: Wet Blue (None) ☐ Samples on ice, cooling process has begun

Cooler Temperature (Initial/Corrected) 35.2°C Ice Visible in Sample Containers: ☐ yes ☑ no

Temp should be above freezing to 6°C

Date and Initials of person examining contents: MB 10/15/15

				Comments:
Are samples from West Virginia?	☐Yes	☑No		1.
Document any containers out of temp.				
Chain of Custody Present:	☑Yes	☐No	☐N/A	2.
Chain of Custody Filled Out:	☑Yes	☐No	☐N/A	3.
Chain of Custody Relinquished:	☑Yes	☐No	☐N/A	4.
Sampler Name & Signature on COC:	☑Yes	☐No	☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes	☐No	☑N/A	6.
Rush Turn Around Time Requested:	☐Yes	☐No	☑N/A	7.
Containers Intact:	☑Yes	☐No	☐N/A	8.
Sample Labels match COC: -Includes date/time/ID/Analysis	☑Yes	☐No	☐N/A	9.
All containers needing acid/base pres. have been checked? exceptions: VOA, coliform, TOC, O&G. All containers needing preservation are found to be in compliance with EPA recommendation (<2, >9, >12) unless otherwise noted.	☐Yes	☐No	☑N/A	10 (Circle) HNO3 H2SO4 NaOH NaOH/ZnAc
Residual Chlorine Check (SVOC 625 Pest/PCB 608)			(N/A)	11. Present Absent
Residual Chlorine Check (Total/Amenable/Free Cyanide)			(N/A)	12. Present Absent
Headspace in VOA Vials (>6mm):	☐Yes	☐No	☑N/A	13
Headspace Wisconsin Sulfide	☐Yes	☐No	(N/A)	14
Trip Blank Present:	☐Yes	☐No	☑N/A	15
Trip Blank Custody Seals Present	☐Yes	☐No	☑N/A	
Project Manager Review:				
Samples Arrived within Hold Time:	☑Yes	☐No	☐N/A	15.
Sufficient Volume:	☑Yes	☐No	☐N/A	16.
Correct Containers Used:	☑Yes	☐No	☐N/A	17.

Field Data Required? Y / N

Client Notification/ Resolution:

Person Contacted: ________ Date/Time: ________

Comments/ Resolution: ________

Project Manager Review: KB Date: 10/15/15

Form F-IN-Q-290-rev.09, 13Oct2015

Sample Container Count

CLIENT: JRM

COC PAGE ___ of ___

COC ID# _____

50131115 KBH

Project # ~~50129843~~

Sample Line Item	DG9H	AG1U	WGFU	AG0U	R 4/6	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1H	BP3C	BP1U	SP5T	AG2U	pH <2	pH >9	pH>12
1																	1			
2																	1			
3																	1			
4																	1			
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				

Container Codes

DG9H	40mL HCL amber voa vial	AG0U	100mL unpreserved amber glass	BP1N	1 liter HNO3 plastic	DG9P	40mL TSP amber vial
AG1U	1liter unpreserved amber glass	AG1H	1 liter HCL amber glass	BP1S	1 liter H2SO4 plastic	DG9S	40mL H2SO4 amber vial
WGFU	4oz clear soil jar	AG1S	1 liter H2SO4 amber glass	BP1U	1 liter unpreserved plastic	DG9T	40mL Na Thio amber vial
R	terra core kit	AG1T	1 liter Na Thiosulfate amber glass	BP1Z	1 liter NaOH, Zn, Ac	DG9U	40mL unpreserved amber vial
BP2N	500mL HNO3 plastic	AG2N	500mL HNO3 amber glass	BP2A	500mL NaOH, Asc Acid plastic	SP5T	120mL Coliform Na Thiosulfate
BP2U	500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass	BP2O	500mL NaOH plastic	JGFU	4oz unpreserved amber wide
BP2S	500mL H2SO4 plastic	AG2U	500mL unpreserved amber glass	BP2Z	500mL NaOH, Zn Ac	U	Summa Can
BP3N	250mL HNO3 plastic	AG3U	250mL unpreserved amber glass	AF	Air Filter	VG9H	40mL HCL clear vial
BP3U	250mL unpreserved plastic	BG1H	1 liter HCL clear glass	BP3C	250mL NaOH plastic	VG9T	40mL Na Thio. clear vial
BP3S	250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass	BP3Z	250mL NaOH, Zn Ac plastic	VG9U	40mL unpreserved clear vial
AG3S	250mL H2SO4 glass amber	BG1T	1 liter Na Thiosulfate clear glass	C	Air Cassettes	VSG	Headspace septa vial & HCL
AG1S	1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass	DG9B	40mL Na Bisulfate amber vial	WGFX	4oz wide jar w/hexane wipe
BP1U	1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic	DG9M	40mL MeOH clear vial	ZPLC	Ziploc Bag

Sample Container Count

CLIENT: JRM Env.

5013111 5 BH

COC PAGE ___ of ___

COC ID# 1803371

Project # ~~50130046~~

Sample Line Item	DG9H	AG1U	WGFU	AG0U	R 4/6	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1H	BP3C	BP1U	SP5T	AG2U	pH <2	pH >9	pH>12
1																	1			
2																	1			
3																	1			
4																	1			
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				

Container Codes

DG9H	40mL HCL amber voa vial	AG0U	100mL unpreserved amber glass	BP1N	1 liter HNO3 plastic	DG9P	40mL TSP amber vial
AG1U	1liter unpreserved amber glass	AG1H	1 liter HCL amber glass	BP1S	1 liter H2SO4 plastic	DG9S	40mL H2SO4 amber vial
WGFU	4oz clear soil jar	AG1S	1 liter H2SO4 amber glass	BP1U	1 liter unpreserved plastic	DG9T	40mL Na Thio amber vial
R	terra core kit	AG1T	1 liter Na Thiosulfate amber glass	BP1Z	1 liter NaOH, Zn, Ac	DG9U	40mL unpreserved amber vial
BP2N	500mL HNO3 plastic	AG2N	500mL HNO3 amber glass	BP2A	500mL NaOH, Asc Acid plastic	SP5T	120mL Coliform Na Thiosulfate
BP2U	500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass	BP2O	500mL NaOH plastic	JGFU	4oz unpreserved amber wide
BP2S	500mL H2SO4 plastic	AG2U	500mL unpreserved amber glass	BP2Z	500mL NaOH, Zn Ac	U	Summa Can
BP3N	250mL HNO3 plastic	AG3U	250mL unpreserved amber glass	AF	Air Filter	VG9H	40mL HCL clear vial
BP3U	250mL unpreserved plastic	BG1H	1 liter HCL clear glass	BP3C	250mL NaOH plastic	VG9T	40mL Na Thio. clear vial
BP3S	250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass	BP3Z	250mL NaOH, Zn Ac plastic	VG9U	40mL unpreserved clear vial
AG3S	250mL H2SO4 glass amber	BG1T	1 liter Na Thiosulfate clear glass	C	Air Cassettes	VSG	Headspace septa vial & HCL
AG1S	1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass	DG9B	40mL Na Bisulfate amber vial	WGFX	4oz wide jar w/hexane wipe
BP1U	1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic	DG9M	40mL MeOH clear vial	ZPLC	Ziploc Bag